

## PUBLIC NOTICE –RVARC REGIONAL WATER SUPPLY PLAN

**PURPOSE OF NOTICE:** To seek public comment on the Roanoke Valley-Alleghany Regional Commission (RVARC) Regional Water Supply Plan submitted to the Department of Environmental Quality (DEQ) under §9 VAC 25-780, et seq, Local and Regional Water Supply Planning regulation. This Plan includes the Counties of Bedford, Botetourt, Franklin, and Roanoke, the Cities of Roanoke, and Salem, and the Towns of Boones Mill, Buchanan, Fincastle, Rocky Mount, Troutville, and Vinton

**PUBLIC COMMENT PERIOD:** January 4, 2013 to February 5, 2013

**DESCRIPTION OF THE WATER SUPPLY PLAN:** The RVARC Regional Water Supply Plan (“Plan”), dated November 2, 2011, identifies existing water sources, estimates current and future water demand, and assesses the need for additional sources for future water supply for the localities listed above. DEQ has issued a tentative determination of compliance to Wayne Strickland, Executive Director of the RVARC. The following is a brief summary of the Plan:

The region’s water needs are supplied by both surface water (reservoirs, streams, and springs) and ground water sources. The plan provides usage data for community water systems and self-supplied water users. Existing water resources are evaluated within the planning region. Information is provided on water demand management activities currently implemented in the region. A Drought Response and Contingency Plan is included in the plan that describes drought triggers and responses. The formal plan submittal included copies of existing ordinances adopted to address drought conditions. Water demand is projected for each locality up to the year 2060. Deficits are projected in the following localities: Bedford County (2015), Botetourt County (2020), Franklin County (2020), City of Salem (2046), Town of Boones Mill (2020), and the Town of Troutville (2028). Two future water supply alternatives are listed as the most economical for the region: expansion of the Smith Mountain Lake Regional WTP in Bedford County and a new intake on Smith Mountain Lake to supplement Western Virginia Water Authority’s Carvins Cove reservoir system. Development of new ground water sources is also mentioned by some of the localities with predicted future water supply deficits.

Principal water supply sources for the region include ground water wells, reservoirs (Falling Creek/Beaver Dam, Spring Hollow, and Carvins Cove), river intakes (Blackwater and Roanoke Rivers), and spring sources.

**HOW TO COMMENT:** DEQ accepts written comments by e-mail or postal mail. Written comments should include the name, address and telephone number of the person commenting and be received by DEQ during the comment period. The regional water supply plan is available from the contact below or on the DEQ website at [www.deq.virginia.gov](http://www.deq.virginia.gov). Upon review of written comments submitted in response to this public notice, DEQ will make a final compliance determination decision.

**CONTACT FOR ADDITIONAL INFORMATION:** Tammy Stephenson, DEQ Office of Water Supply, 3019 Peters Creek Road, Roanoke VA 24019; Phone: 540-562-6828; E-mail: [tammy.stephenson@deq.virginia.gov](mailto:tammy.stephenson@deq.virginia.gov).